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PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b> (37 CFR 1.63)	<b>Attorney Docket Number</b>	T99,005-B
	<b>First Named Inventor</b>	Geiger, Eric J.
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	
	<b>Filing Date</b>	October 25, 2000
	<b>Group Art Unit</b>	
<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing	<b>OR</b>	<input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)
<b>Examiner Name</b>		

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**PHTHALIC ANHYDRIDE BASED POLYESTER-ETHER POLYOLS AND DOUBLE METAL CYANIDE CATALYST SYSTEM FOR PREPARING SAME**

the specification of which (Title of the Invention)

☒ is attached hereto  
OR

☐ was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 356(b) of any foreign application(s) for patent or inventor's certificate, or 356(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
09/427,050	10/25/99	

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02C attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer  
Number Bar Code  
Label here

Name	Registration Number	Name	Registration Number
Paul S. Tully	44,377		

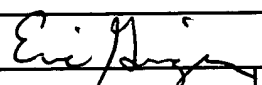
☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or Bar Code Label

OR ☒ Correspondence address below

Name	Paul S. Tully, Stepan Company				
Address	Intellectual Property Department				
Address	22 W. Frontage Road				
City	Northfield	State	IL	ZIP	60015
Country	USA	Telephone	847-501-2219	Fax	847-446-9359

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname			
Eric J.		Geiger			
Inventor's Signature				Date	10/25/00
Residence: City	Fox Lake	State	Illinois	Country	USA
Post Office Address	31 S. Elm Avenue				
Post Office Address					
City	Fox Lake	State	IL	ZIP	60020
				Country	USA

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

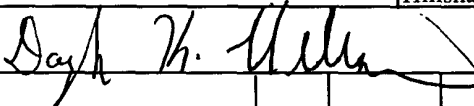
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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname					
Douglas K.				Hillshaffer					
Inventor's Signature					Date		10/21/00		
Residence: City		Western Springs		State IL		Country USA		Citizenship US	
Post Office Address		4224 Clausen							
Post Office Address									
City		Western Springs		State IL		ZIP 60058		Country USA	
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname					
Inventor's Signature					Date				
Residence: City		State		Country		Citizenship			
Post Office Address									
Post Office Address									
City		State		ZIP		Country			
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname					
Inventor's Signature					Date				
Residence: City		State		Country		Citizenship			
Post Office Address									
Post Office Address									
City		State		ZIP		Country			

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+

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POWER OF ATTORNEY

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As named inventors, we hereby appoint the following registered practitioner(s)

Paul S. Tully

Registration Number 44,377

to prosecute this application for letters Patent of the United States, entitled:

**PHTHALIC ANHYDRIDE BASED POLYESTER-ETHER POLYOLS AND DOUBLE METAL  
CYANIDE CATALYST SYSTEM FOR PREPARING SAME**

and identified as

**Case No. T99,005-B**

and transact all business in the Patent and Trademark Office connected therewith.

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DIRECT TELEPHONE CALLS TO:

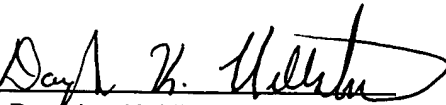
Paul S. Tully  
Stepan Company  
22 W. Frontage Road  
Northfield, IL 60093

Paul S. Tully  
(847) 501-2219

---

Full name of first inventor (given name, family name):

Inventors Signature:



Date:

October 25, 2000

Residence:

Douglas K. Hillshafer  
4224 Clausen  
Western Springs, Illinois 60058

Citizenship:

U.S.

Post Office Address: 4224 Clausen

~~Cook~~ ~~Kane~~ County

Western Springs, Illinois 60058

Full name of second inventor (given name, family name):

Inventors Signature: Eric J. Geiger  
Eric J. Geiger

Date: 10/25/00

Residence: 31 S. Elm Avenue  
Fox Lake, Illinois 60020

Citizenship: U.S.

Post Office Address: 31 S. Elm Avenue  
Lake County  
Fox Lake, Illinois 60020

FORM PTO-1505  
(REV. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

## RECORDATION FORM COVER SHEET

U. S. DEPARTMENT OF COMMERCE

## PATENTS ONLY

Patent and Trademark Office

Tab settings - 10/25/00

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies of the following:

1. Name of conveying party(ies):

Douglas K. Hillshafer

Eric J. Geiger

2. Name and address of receiving party(ies):

Name: Stepan CompanyInternal Address: Intellectual Property Department

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherStreet Address: 22 W. Frontage RoadCity: Northfield State: IL ZIP: 60093

Execution Date: \_\_\_\_\_

Additional name(s) &amp; address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

To be assigned

Additional numbers attached?

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Paul S. TullyInternal Address: Intellectual Property DepartmentStreet Address: 22 W. Frontage RoadCity: Northfield State: IL ZIP: 600936. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) ..... \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

500904

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document

Paul S. Tully

Name of Person Signing

Signature

October 25, 2000

Date

Reg. No. 44,377Total number of pages including cover sheet, attachments, and document: 1

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

**ASSIGNMENT**

**Case No.:** T99,005-B

**Serial N .:** To be assigned

**Inventors:** Geiger, Eric; Hillshafer, Douglas K.

**Date of Execution**

**of Application:** October 25, 2000

**Filing Date:** October 25, 2000

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to :

**STEPAN COMPANY, a corporation of the State of Delaware**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

**PHTHALIC ANHYDRIDE BASED POLYESTER-ETHER POLYOLS AND DOUBLE METAL CYANIDE  
CATALYST SYSTEM FOR PREPARING SAME**

and identified as:

**Case No. T99,005-B**

in the office of Paul S. Tully, Stepan Company, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the practitioners/attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignees, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transaction involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby

conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 25<sup>th</sup> day of October, 2000.

Eric J. Geiger  
State of Illinois  
County of Lake

The foregoing instrument was acknowledged before me this 25<sup>th</sup> day of October, 2000 by Eric J. Geiger.

Karen Ford



NOTARY PUBLIC

WITNESS my hand and seal this 25 day of October, 2000.

Douglas K. Hillshafer  
State of Illinois  
County of Lake

The foregoing instrument was acknowledged before me this 25<sup>th</sup> day of October, 2000 by Douglas K. Hillshafer.

Karen Ford



NOTARY PUBLIC